NORITZ®

Commercial Condensing Water Heater
Specification Sheet

- **Standard Input** - Gas consumption ranges from 18,000 BTUh to 199,900 BTUh

- **Compact Design** - ANSI Z21.10.3/CSA 4.3 certified design that can be wall-mounted indoors or installed outdoors using the optional Vent Cap

- **Wifi Capable**

- **Heat Exchanger** - manufactured with austenite SS 316L

- **Venting Options** -   Direct Vent or Single Vent (with SV conversion kit) using 2"or 3" Schedule 40 PVC/CPVC , or with Outdoor Vent Cap, or Common Vented (up to 6 units)

- **Direct Electronic Ignition**

- **Multi-System Capability** - units can be linked together by using either the optional 2-unit Quick Connect or multi-unit System Controller for up to 24 units

- **Fully Modulating** - BTU input can range from 18,000 to 4.8 million BTUh (for 24-unit Multi-System) with stable combustion provided by gas venturi and pre-mix burner. 11:1 Turndown Ratio

- **Thermal Efficiency** - fully condensing, 98% efficient for use with natural gas and propane

- **Temperature Controls** - includes remote thermostat that can precisely adjust the output temperature from 100°F to 185°F

- **Safety Devices** - Flame Sensor, Overheat Prevention Device, Lightning Protection Device, Freeze Protection, Neutralizer Overfill

- **Five Year Limited Heat Exchanger Warranty for Commercial Use**

- **Five Year Limited Parts Warranty & 1-Year Reasonable Labor**

- **Approvals** - CSA, UPC, NSF, Low NOx Approved By SCAQMD (Rule 1146.2) This product complies with California AB 1953 Low Lead Law and section 1417(d) of the Safe Drinking Water Act
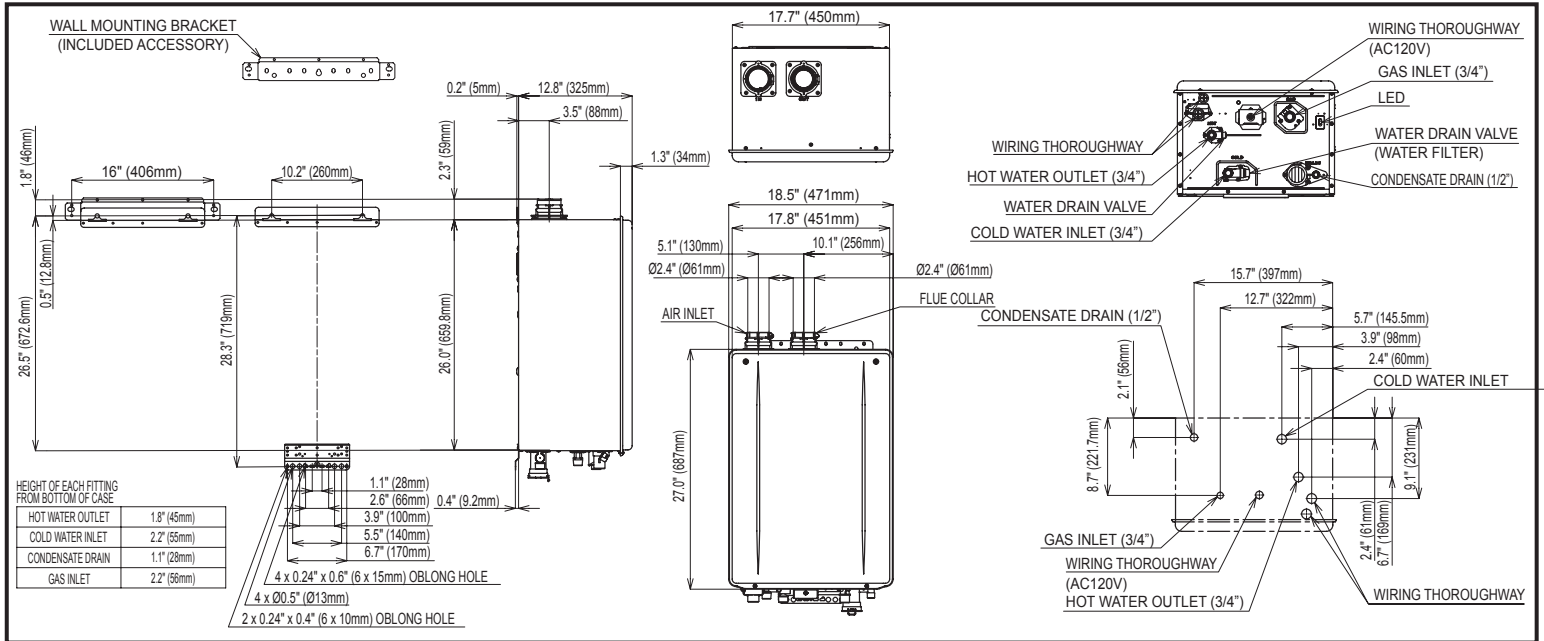
Accessories

- ☐ *3" Horizontal Hood Termination (#PVT-HL)*
- ☐ *SV Conversion (#SV-CK-2)*
- ☐ *Bird-screen (#VT_-PVCS)*
- ☐ *Outdoor Vent Cap (#VC-6)*
- ☐ *PVC;Concentric Termination (#PVC-_CT)*
- ☐ *Isolator Valves (#IK-WV-200)*
- ☐ *Wireless Monitor (#NAW-1)*
- ☐ *Quick Connect Cord (#QC-2)*

System Controller

- ☐ *6-unit (#SC-401-6M)*
- ☐ *12-unit (#SCU-401-12M)*
- ☐ *24-unit (#SCU-401-24M)*
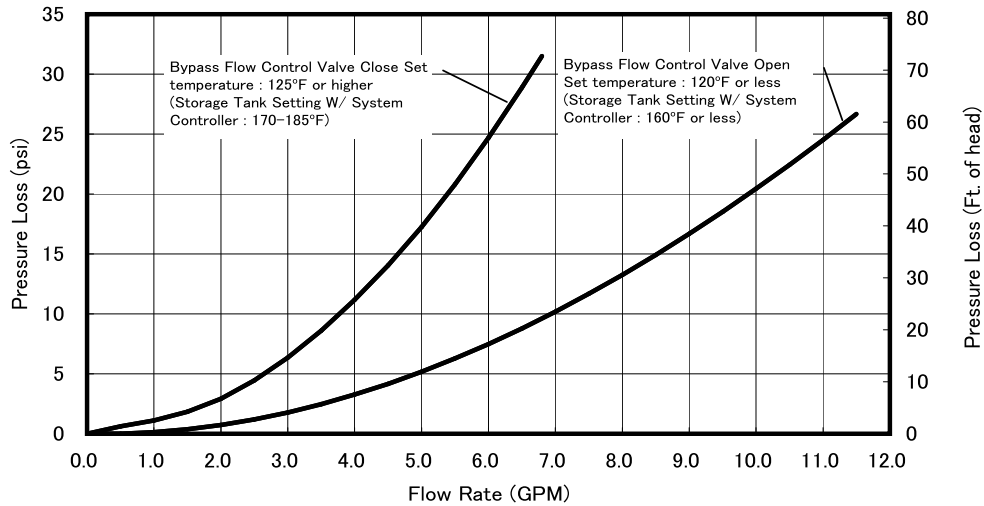
Neutralizer

- ☐ *1-unit (#NC-1)*
- ☐ *16-unit (#NT-20A)*

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NORITZ AMERICA CORPORATION
11160 Grace Avenue, Fountain Valley, CA 92708 Tel. 1-866-7NORITZ   www.noritz.com

Dimensions

Flow Rates

Temperature Rise (°F)	30	40	45	50	60	70	80	90	100	110	120	130	140
Flow Rate (GPM)	11.1	9.8	8.7	7.8	6.5	5.6	4.9	4.4	3.9	3.6	3.3	3.0	2.8

Bypass Flow Control Valve Close Set temperature : 125°F or higher (Storage Tank Setting W/ System Controller : 170–185°F)

Bypass Flow Control Valve Open Set temperature : 120°F or less (Storage Tank Setting W/ System Controller : 160°F or less)

Specifications

Model Name		NCC199CDV (GQ-C3259WZ-FF US)
Weight		81 pounds
Operating Pressure		15 - 150 psi
Gas Supply Pressure		NG: 4.0" - 10.5" LP: 8.0" - 14.0"
Water Holding Capacity		0.65 Gallon (2.5L)
Connection Sizes	Water Inlet	3/4"
	Hot Water Outlet	3/4"
	Gas Inlet	3/4"
	Condensate Drain	1/2" Threaded
Power	Supply	120VAC (60Hz), less than 4 amperes
	Consumption	NG: 90W LP: 100W Freeze Prevention 158W
Freeze Protection		Outdoor: -4°F Indoor: -30°F
Temperature Settings	°F Mode	100-150°F (In 5°F intervals), 160, 170, 185°F (14 Options)
	°C Mode	37-48°C (In 1°C intervals), 50-85°C (In 5°C intervals) (20 Options)
Default Temperature Options	°F Mode	120, 135, 140, 185°F (Default is 120°F)
	°C Mode	50, 57, 60, 85°C (Default is 50°C)

Noritz America reserves the right to discontinue, or change at any time, the designs and/or specifications of its products without notice.

Rev. 12/17